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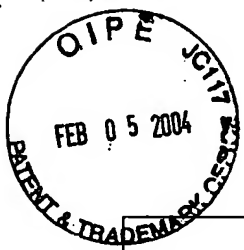
TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/041,957
	Filing Date	1/7/02
	First Named Inventor	Steven Teig
	Group Art Unit	2825
	Examiner Name	Binh Tat
Total Number of Pages in This Submission	Attorney Docket Number	SPLX.P0044

Enclosures (Check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Or Individual name	Mani Adeli, Reg. No. 39,585 of Stattler Johansen & Adeli LLP
Signature	<i>Mani Adeli</i> (SA)
Date	February 3, 2004

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PATENT
Docket No. SPLX.P0044

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Mani Adeli (Signature)
Mani Adeli

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Steven Teig

Serial No.: 10/041,957

Filing Date: 1/7/02

For: METHOD AND APPARATUS FOR
PRE-COMPUTING ROUTES

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, applicants submit with this Information Disclosure Statement the attached Form PTO-1449, and copies of the documents listed in the 1449 form for consideration by the Examiner. The Examiner is requested to make these documents of record. Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

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This Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

This Information Disclosure Statement is submitted after receipt of a first Office Action on the merits but before the Final Office Action. Accordingly, a fee is required. The requisite fee is attached.

However, in the unlikely event that the Patent Office determines that additional fees, extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 50-1128 referencing SPLX.P0044. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

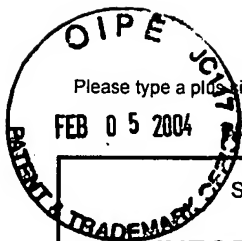
Dated: February 3, 2004

Respectfully submitted,

By: Mani Adeli (5Y) (EDB)
Mani Adeli
Registration No. 39,585

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Fax No. (650) 752-0995



Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/041,957
				Filing Date	1/7/02
				First Named Inventor	Steven Teig
				Group Art Unit	2825
				Examiner Name	Bihn Tat
Sheet	1		7	Attorney Docket Number	SPLX.P0044

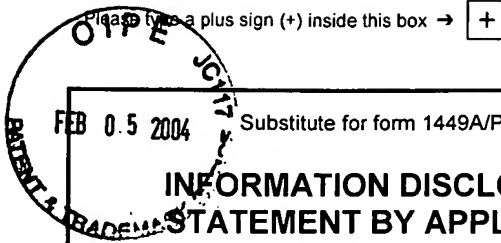
U.S. PATENT DOCUMENTS						
Examiner* Initials	Cite No. ¹	U.S. Patent Document		Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	1.	2001/0009 031	A1	07-19-2001	Nitta et al.	
	2.	2002/0182 844	A1	12-05-2002	Igarashi et al.	
	3.	2003/0005 399	A1	01-02-2003	Igarashi et al.	
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	7.	5,587,923		12-24-1996	Wang	
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	19.	6,128,767		10-03-2000	Chapman	
	20.	6,150,193		11-21-2000	Glenn	

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				First Named Inventor	Steven Teig
				Group Art Unit	2825
				Examiner Name	Bihn Tat
Sheet	2		7	Attorney Docket Number	SPLX.P0044

U.S. PATENT DOCUMENTS

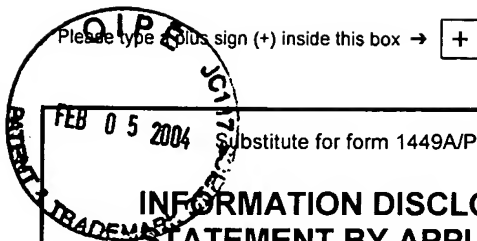
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	22.	6,219,832	B1	04-17-2001	Buzbee	
	23.	6,226,560	B1	05-01-2001	Hama et al.	
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	26.	6,295,634	B1	09-25-2001	Matsumoto	
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	39.	6,546,540	B1	04-08-2003	Igarashi et al.	
	40.	6,557,145	B2	04-29-2003	Boyle et al.	
	41.	6,567,967	B2	05-20-2003	Greidinger et al.	

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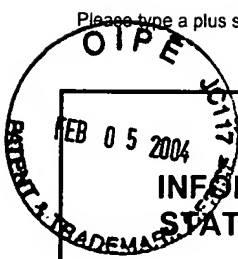
FOREIGN PATENT DOCUMENTS								
Examiner* Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Cod (if known)				
	42.	JP	411296560	A	Matsumoto et al.	10-29-1999	with English translation of Abstract;	
	43. ✓	JP	2000-82743	A	Igarashi et al.	03-21-2000	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	44. ✓	JP	H03-173471	A	Tawada et al.	07-26-1991	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	45. ✓	JP	H05-243379	A	Masako Kubota	09-21-1993	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	46. ✓	JP	H05-102305	A	Akihiro Sato	04-23-1993	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	47. ✓	JP	H07-86407	A	Shinpei Miura	03-31-1995	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓

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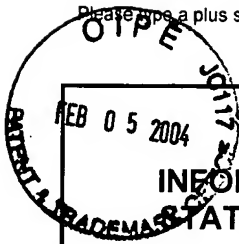
FOREIGN PATENT DOCUMENTS								
✓	48.	JP	H09-162279	A	Masaaki Yoshida	06-20-1997	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓

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NON PATENT LITERATURE DOCUMENTS

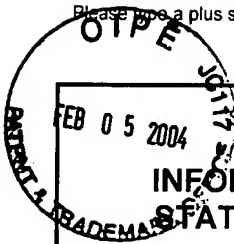
Examiner* Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	49.	Ahuja, R. et al., Faster Algorithms for the Shortest Path Problem, Journal of the Association for Computing Machinery, vol. 37, No. 2, April 1990, pp. 213-223.	
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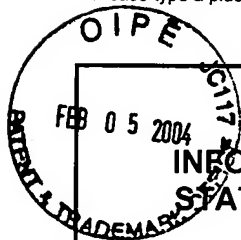
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				Filing Date	1/7/02
				First Named Inventor	Steven Teig
				Group Art Unit	2825
				Examiner Name	Bihn Tat
Sheet	7		7	Attorney Docket Number	SPLX.P0044

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